

Working Map 12/20/11 - Compactness and Competitiveness Measures

District	Compactness			Competitiveness Index 2			Competitiveness Index 3			Competitiveness Index 4			Competitiveness Index 5		
	Reock	Perimeter	Polsby-Popper	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff
1	0.44	674.87	0.34	60.6%	39.4%	21.2%	59.3%	40.7%	18.6%	61.7%	38.3%	23.4%	60.7%	39.3%	21.4%
2	0.51	322.24	0.30	42.7%	57.3%	14.6%	40.6%	59.4%	18.8%	45.8%	54.2%	8.4%	44.0%	56.0%	12.0%
3	0.47	75.67	0.30	31.1%	68.9%	37.8%	29.4%	70.6%	41.2%	35.1%	64.9%	29.8%	33.3%	66.7%	33.4%
4	0.28	768.92	0.24	45.6%	54.4%	8.8%	43.0%	57.0%	14.0%	48.6%	51.4%	2.8%	46.5%	53.5%	7.0%
5	0.47	946.51	0.21	66.5%	33.5%	33.0%	65.6%	34.4%	31.2%	66.3%	33.7%	32.6%	65.8%	34.2%	31.6%
6	0.33	1047.35	0.11	54.7%	45.3%	9.4%	55.3%	44.7%	10.6%	55.9%	44.1%	11.8%	56.0%	44.0%	12.0%
7	0.40	1773.89	0.15	36.3%	63.7%	27.4%	33.0%	67.0%	34.0%	39.6%	60.4%	20.8%	37.0%	63.0%	26.0%
8	0.36	499.18	0.21	51.3%	48.7%	2.6%	48.5%	51.5%	3.0%	53.1%	46.9%	6.2%	51.1%	48.9%	2.2%
9	0.39	59.05	0.33	46.7%	53.3%	6.6%	46.9%	53.1%	6.2%	49.5%	50.5%	1.0%	49.1%	50.9%	1.8%
10	0.43	66.18	0.27	48.0%	52.0%	4.0%	47.8%	52.2%	4.4%	50.7%	49.3%	1.4%	50.1%	49.9%	0.2%
11	0.28	374.71	0.19	58.6%	41.4%	17.2%	58.5%	41.5%	17.0%	60.3%	39.7%	20.6%	59.8%	40.2%	19.6%
12	0.34	69.34	0.34	66.1%	33.9%	32.2%	67.2%	32.8%	34.4%	68.3%	31.7%	36.6%	68.6%	31.4%	37.2%
13	0.56	571.96	0.40	64.1%	35.9%	28.2%	63.0%	37.0%	26.0%	65.2%	34.8%	30.4%	64.3%	35.7%	28.6%
14	0.54	591.74	0.21	66.2%	33.8%	32.4%	67.4%	32.6%	34.8%	67.0%	33.0%	34.0%	67.5%	32.5%	35.0%
15	0.39	75.35	0.32	61.5%	38.5%	23.0%	62.5%	37.5%	25.0%	63.8%	36.2%	27.6%	64.0%	36.0%	28.0%
16	0.51	80.07	0.40	61.4%	38.6%	22.8%	61.7%	38.3%	23.4%	63.3%	36.7%	26.6%	63.1%	36.9%	26.2%
17	0.47	40.93	0.50	57.9%	42.1%	15.8%	58.8%	41.2%	17.6%	60.8%	39.2%	21.6%	60.8%	39.2%	21.6%
18	0.30	52.72	0.38	51.4%	48.6%	2.8%	52.8%	47.2%	5.6%	54.9%	45.1%	9.8%	55.0%	45.0%	10.0%
19	0.38	66.63	0.31	37.0%	63.0%	26.0%	35.7%	64.3%	28.6%	43.5%	56.5%	13.0%	41.4%	58.6%	17.2%
20	0.37	36.94	0.40	56.7%	43.3%	13.4%	56.5%	43.5%	13.0%	59.4%	40.6%	18.8%	58.7%	41.3%	17.4%
21	0.60	39.19	0.53	57.8%	42.2%	15.6%	57.4%	42.6%	14.8%	59.9%	40.1%	19.8%	59.2%	40.8%	18.4%
22	0.51	114.28	0.31	63.9%	36.1%	27.8%	64.6%	35.4%	29.2%	64.8%	35.2%	29.6%	65.0%	35.0%	30.0%
23	0.41	236.03	0.28	62.0%	38.0%	24.0%	63.8%	36.2%	27.6%	63.5%	36.5%	27.0%	64.3%	35.7%	28.6%
24	0.26	48.37	0.20	38.5%	61.5%	23.0%	38.6%	61.4%	22.8%	43.1%	56.9%	13.8%	42.3%	57.7%	15.4%
25	0.48	44.51	0.40	64.5%	35.5%	29.0%	65.3%	34.7%	30.6%	66.6%	33.4%	33.2%	66.6%	33.4%	33.2%
26	0.25	82.85	0.23	41.9%	58.1%	16.2%	42.4%	57.6%	15.2%	47.2%	52.8%	5.6%	46.5%	53.5%	7.0%
27	0.40	131.92	0.17	27.9%	72.1%	44.2%	26.6%	73.4%	46.8%	32.4%	67.6%	35.2%	30.7%	69.3%	38.6%
28	0.56	49.30	0.40	54.8%	45.2%	9.6%	55.8%	44.2%	11.6%	57.6%	42.4%	15.2%	57.7%	42.3%	15.4%
29	0.34	34.21	0.50	39.5%	60.5%	21.0%	38.1%	61.9%	23.8%	45.1%	54.9%	9.8%	43.1%	56.9%	13.8%
30	0.33	29.82	0.44	42.6%	57.4%	14.8%	41.2%	58.8%	17.6%	47.1%	52.9%	5.8%	45.4%	54.6%	9.2%

9004.73

Index 2: Average of 2008 and 2010, each year weighted equally

Index 3: Average of 2008, 2010 and % of major party Registration, each of the three components weighted equally

Index 4: Average of 2004, 2006, 2008 and 2010, each year weighted equally

Index 5: Average of 2004, 2006, 2008, 2010 and % of major party registration, each component weighted equally

District	Competitiveness Index 6			Competitiveness Index 7			Competitiveness Index 8			Competitiveness Index 9			All Registration			Reg 2-Way	
	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	Ave. REP %	Ave. DEM %	Diff	% REP	% DEM	% OTH	% REP	% DEM
1	60.5%	39.5%	21.0%	59.8%	40.2%	19.6%	60.3%	39.7%	20.6%	59.5%	40.5%	19.0%	39.0%	29.7%	31.3%	56.8%	43.2%
2	43.5%	56.5%	13.0%	42.1%	57.9%	15.8%	43.0%	57.0%	14.0%	41.4%	58.6%	17.2%	24.5%	42.4%	33.1%	36.6%	63.4%
3	31.8%	68.2%	36.4%	30.7%	69.3%	38.6%	31.4%	68.6%	37.2%	30.1%	69.9%	39.8%	17.7%	50.0%	32.2%	26.1%	73.9%
4	46.3%	53.7%	7.4%	44.6%	55.4%	10.8%	45.8%	54.2%	8.4%	43.8%	56.2%	12.4%	24.6%	40.3%	35.1%	37.9%	62.1%
5	65.1%	34.9%	30.2%	64.9%	35.1%	29.8%	65.4%	34.6%	30.8%	65.1%	34.9%	30.2%	40.6%	22.9%	36.5%	63.9%	36.1%
6	53.7%	46.3%	7.4%	54.3%	45.7%	8.6%	53.8%	46.2%	7.6%	54.5%	45.5%	9.0%	37.8%	29.0%	33.1%	56.6%	43.4%
7	37.1%	62.9%	25.8%	34.9%	65.1%	30.2%	36.5%	63.5%	27.0%	34.0%	66.0%	32.0%	19.3%	53.8%	26.9%	26.4%	73.6%
8	51.4%	48.6%	2.8%	49.7%	50.3%	0.6%	51.1%	48.9%	2.2%	49.0%	51.0%	2.0%	28.5%	38.0%	33.4%	42.9%	57.1%
9	46.7%	53.3%	6.6%	46.8%	53.2%	6.4%	46.4%	53.6%	7.2%	46.6%	53.4%	6.8%	33.2%	37.0%	29.9%	47.3%	52.7%
10	48.0%	52.0%	4.0%	47.9%	52.1%	4.2%	47.8%	52.2%	4.4%	47.7%	52.3%	4.6%	33.5%	37.0%	29.5%	47.5%	52.5%
11	58.3%	41.7%	16.6%	58.3%	41.7%	16.6%	58.2%	41.8%	16.4%	58.2%	41.8%	16.4%	38.9%	27.9%	33.2%	58.2%	41.8%
12	66.6%	33.4%	33.2%	67.2%	32.8%	34.4%	66.2%	33.8%	32.4%	67.0%	33.0%	34.0%	47.0%	20.6%	32.4%	69.5%	30.5%
13	64.0%	36.0%	28.0%	63.3%	36.7%	26.6%	63.8%	36.2%	27.6%	63.1%	36.9%	26.2%	40.2%	25.9%	33.9%	60.8%	39.2%
14	65.6%	34.4%	31.2%	66.4%	33.6%	32.8%	65.6%	34.4%	31.2%	66.7%	33.3%	33.4%	47.2%	20.4%	32.5%	69.8%	30.2%
15	62.0%	38.0%	24.0%	62.5%	37.5%	25.0%	61.5%	38.5%	23.0%	62.3%	37.7%	24.6%	42.8%	23.5%	33.8%	64.6%	35.4%
16	61.7%	38.3%	23.4%	61.8%	38.2%	23.6%	61.3%	38.7%	22.6%	61.6%	38.4%	23.2%	39.0%	23.5%	37.6%	62.4%	37.6%
17	58.8%	41.2%	17.6%	59.2%	40.8%	18.4%	58.2%	41.8%	16.4%	58.8%	41.2%	17.6%	39.3%	25.4%	35.3%	60.7%	39.3%
18	52.2%	47.8%	4.4%	52.9%	47.1%	5.8%	51.6%	48.4%	3.2%	52.6%	47.4%	5.2%	36.7%	29.4%	33.9%	55.5%	44.5%
19	41.2%	58.8%	17.6%	39.5%	60.5%	21.0%	39.5%	60.5%	21.0%	37.9%	62.1%	24.2%	19.8%	40.0%	40.2%	33.1%	66.9%
20	57.5%	42.5%	15.0%	57.2%	42.8%	14.4%	56.9%	43.1%	13.8%	56.7%	43.3%	13.4%	36.8%	28.8%	34.4%	56.1%	43.9%
21	58.3%	41.7%	16.6%	58.0%	42.0%	16.0%	57.9%	42.1%	15.8%	57.6%	42.4%	15.2%	37.7%	28.8%	33.4%	56.7%	43.3%
22	63.2%	36.8%	26.4%	63.8%	36.2%	27.6%	63.2%	36.8%	26.4%	63.9%	36.1%	27.8%	44.9%	23.0%	32.1%	66.1%	33.9%
23	61.7%	38.3%	23.4%	62.9%	37.1%	25.8%	61.5%	38.5%	23.0%	63.0%	37.0%	26.0%	45.2%	21.7%	33.1%	67.6%	32.4%
24	40.2%	59.8%	19.6%	39.9%	60.1%	20.2%	39.3%	60.7%	21.4%	39.2%	60.8%	21.6%	24.8%	39.0%	36.2%	38.9%	61.1%
25	65.0%	35.0%	30.0%	65.4%	34.6%	30.8%	64.6%	35.4%	29.2%	65.1%	34.9%	30.2%	45.8%	22.7%	31.4%	66.9%	33.1%
26	44.4%	55.6%	11.2%	44.2%	55.8%	11.6%	43.2%	56.8%	13.6%	43.3%	56.7%	13.4%	25.7%	33.2%	41.1%	43.6%	56.4%
27	29.5%	70.5%	41.0%	28.4%	71.6%	43.2%	28.8%	71.2%	42.4%	27.6%	72.4%	44.8%	15.0%	47.4%	37.5%	24.0%	76.0%
28	55.4%	44.6%	10.8%	55.9%	44.1%	11.8%	54.8%	45.2%	9.6%	55.6%	44.4%	11.2%	40.3%	29.2%	30.5%	58.0%	42.0%
29	43.0%	57.0%	14.0%	41.5%	58.5%	17.0%	41.6%	58.4%	16.8%	40.0%	60.0%	20.0%	21.5%	39.4%	39.0%	35.3%	64.7%
30	45.0%	55.0%	10.0%	43.6%	56.4%	12.8%	43.9%	56.1%	12.2%	42.5%	57.5%	15.0%	24.0%	38.6%	37.4%	38.3%	61.7%

Index 6: Average of 2004, 2006, 2008 and 2010, each year weighted equally, Races where one candidate received more than 60% of the 2-way vote removed

Index 7: Average of 2004, 2006, 2008, 2010, and major party registration, each year weighted equally, Races where one candidate received more than 60% removed

Index 8: 1/3 2010, 1/3 2008, and 1/6 2004, and 1/6 2006, Races where one candidate received more than 60% of the 2-way vote removed

Index 9: 1/4 2010, 1/4 2008, 1/8 2006, 1/8 2004, and 1/4 major party registration, Races where one candidate received more than 60% of the 2-way vote removed